IN THE CLAIMS

Please cancel claims 4, 5, 9, 10 and 12-16

Please amend claims 1, 2, 3, 6, 7, 8 and 11 as follows:

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1. System for a motor vehicle, able, on the one hand, to start up an internal-combustion engine and, on the other hand, to charge an electrical circuit, including a main electrical machine able to operate, on the one hand, as a generator and, on the other hand, as an electric motor, said electrical machine driving the internal-combustion engine by means of a belt when said main electrical machine is operating in motor mode, the system further comprises a management means which drive the main electrical machine, further comprising a supplementary starter, as well as means for detecting at least one condition for triggering activation of said supplementary starter, and the management means drive the main electrical machine and the starter, according to a particular sequence, when said condition is detected by said detection means, wherein the management means include means for actuating the supplementary starter, when a condition for activating the supplementary starter is detected, in such a way that its pinion meshes on a complementary ring in order to drive the internal-combustion engine, in order to drive the main electrical machine in motor mode, when the pinion of the starter has been meshed and in order to cut off the starter and drive the main electrical machine in generator mode when it is detected that the internal-combustion engine has started and the management means include means for cutting off the operation of the main electrical machine in motor mode, when a condition for activation of the supplementary starter is detected.

2. System according to Claim 1, wherein said detection means include at least one temperature sensor, as well as means for comparing a temperature measured by said sensor with a particular low threshold.

3. System according to Claim 1, wherein the detection means include means for detecting a failure to start at the end of a given time during which the main electrical machine is operating in motor mode.

6. Method for control of a system, especially for a motor vehicle, able, on the one hand, to start up an internal-combustion engine and, on the other hand, to charge an electrical circuit, including a main electrical machine able to operate, on the one hand, as a generator and, on the other hand, as an electric motor, said main electrical machine driving the internal-combustion engine by means of a belt when it is operating in motor mode, wherein said system further comprises a supplementary starter, wherein at least one condition for triggering activation of said supplementary starter is detected, and the main electrical machine and the starter are driven according to a particular sequence when said at least one condition is detected, when said at least one condition for activation the supplementary starter is detected, the supplementary starter is actuated such that its pinion meshes on a complementary ring in order to drive the internal-combustion engine, the main electrical machine is put into motor mode, when the pinion of the supplementary starter has been meshed, and the supplementary starter is cut off and the main

electrical machine is placed into generator mode when it is detected, and that the internal-combustion engine has started and the operation of the main electrical machine in motor mode is cut off when at least one condition for activation of the supplementary starter is detected.

B3

7. Method according to Claim 6, wherein in order to detect a triggering of said at least one condition, at least one temperature is measured and said at least one temperature is compared with a particular low threshold.

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8. Method according Claim 6, wherein in order to detect a triggering condition, a failure to start is detected at the end of a given time during which the main electrical machine is operating in motor mode.

B5

11. System according to Claim 2, wherein the detection means include means for detecting a failure to start at the end of a given time during which the main electrical machine is operating in motor mode.